harman/kardon®

guide + play™

GPS-810

Portable Touchscreen Navigation System and A/V Media Player

User Manual

For the latest software updates and other information, visit
www.guideandplay.com.

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Battery Notes:

The Harman Kardon® GPS-810 uses a lithium-polymer battery. To protect the performance of your GPS-810 and its battery, please observe the following guidelines:

- Do not operate the GPS-810 in ambient temperatures outside of the following range: 14° F (–10° C) to 131° F (55° C).
- Do not store the GPS-810 even for short periods in ambient temperatures outside of the following range: –4° F (–20° C) to 140° F (60° C).
- Do not store the GPS-810 for long periods in ambient temperatures outside of the following range: 32° F (0° C) to 77° F (25° C).

The GPS-810 will not charge the battery at temperatures above 122° F (50° C).

NOTE: Although the GPS-810's battery will charge while the unit is connected to a computer's USB hub, we recommend connecting the unit to the included wall or car charger to charge the battery.

Introduction

Your new GPS-810 is a powerful portable touchscreen navigation system and audio/video media player. The GPS-810's GPS-powered navigation features will make it easy for you to travel to almost any destination with remarkable accuracy. Its A/V media player lets you listen to your favorite music, and you can even watch videos and look at photos on its high-resolution 4.3" 480 x 272 pixel WQVGA screen. You can also connect a Bluetooth-enabled phone and place or receive calls via your GPS-810.

We know you're eager to start using your GPS-810, so we've included a Quick-Start Guide that will help you use its basic features right away. This User Manual contains detailed information about all of the GPS-810's features and functions. To get the most out of your GPS-810, please read it thoroughly.

Unpacking

Your GPS-810 box should contain these items:

- GPS-810 Unit
- Wall Charger
- Car Charger
- USB Cable
- Fold-Flat Mounting Bracket
- Mounting Base Disc and Adhesive Pad for Dash-Mounting
- Alcohol Cleaning Pad for Dash Surface
- Wireless Remote Control with Battery and Adhesive Pad for Mounting
- Carrying Case
- Quick-Start Guide

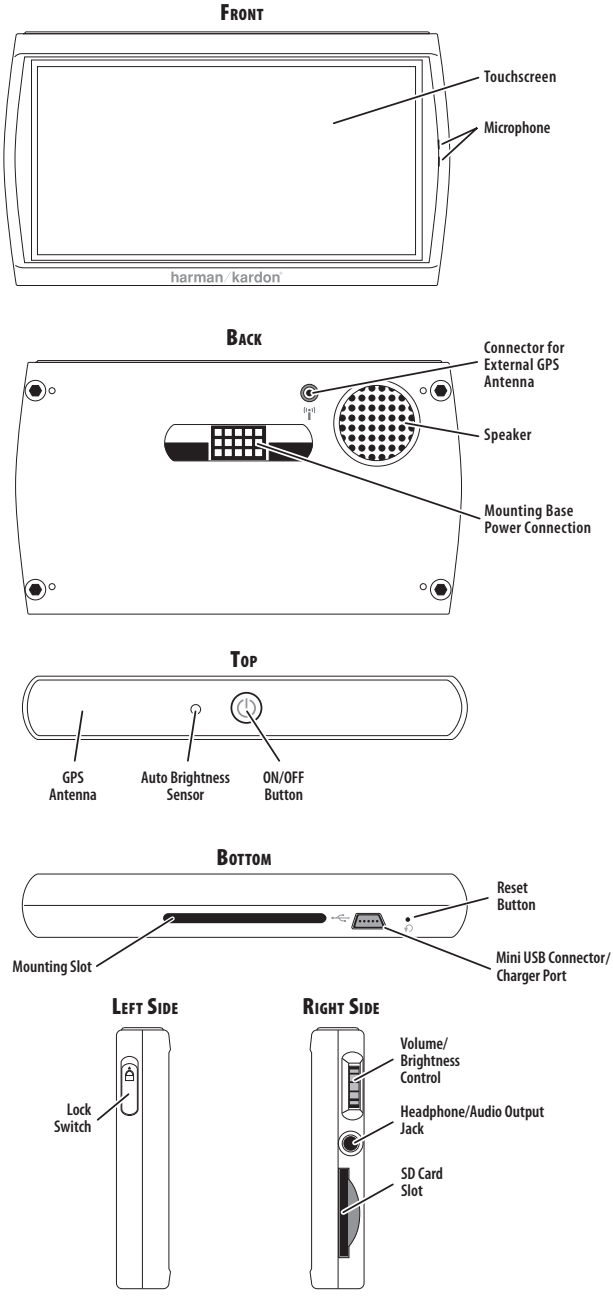
If anything is missing, notify the dealer where you purchased your GPS-810 right away.

Unpack your GPS-810 carefully and save the box and packing materials so you can safely ship the unit in the future.

WARNING: Operation of any feature of this device while driving is dangerous. Do not operate this device while driving. Do not view or operate audio or video modes while driving.

For safety reasons, this device will cease navigation functions when the video mode is enabled. Do not attempt to disable any safety function incorporated in this device. Any alteration of this device may cause serious injury and shall void the warranty.

Controls and Features



Controls and Features

Front:

Touchscreen: 4.3" 480 x 272 pixel WQVGA LCD touchscreen.

Microphone: Lets you use the GPS-810 to voice dial and talk on a connected Bluetooth-enabled phone.

Back:

Connector for External GPS Antenna: Allows connection of the optional Guide + Play external GPS antenna (model #GPS-ANT, *not included*), for use when the GPS-810 is mounted in a location where its built-in GPS antenna does not have a clear "view" of the sky.

Speaker: Built-in speaker plays navigation voice guidance commands and audio/video files from an inserted SD memory card (see *SD Card Slot*, on page 6).

Mounting Base Power Connection: Supplies DC power and a hands-free microphone connection to the GPS-810 when used with the supplied mounting bracket in a vehicle.

Top:

Auto Brightness Sensor: Senses ambient light for the operation of the Auto Brightness feature (see *Brightness*, on page 27).

GPS Antenna: Must have a clear "view" of the sky to receive signals from GPS satellites.

ON/OFF Button: The GPS-810 has two different deactivation modes: *Standby* and *Off*.

- Standby mode: Partially shuts-down the GPS-810, keeping the navigation maps loaded into the unit's memory for quicker turn-on.
- Off mode: Completely shuts the GPS-810 off, requiring that the navigation maps be loaded back into memory when the unit is turned back on.

When the GPS-810 is on, pressing the ON/OFF button for 1 second will place it in Standby (the Touchscreen will display "Standby" for two seconds before going blank); holding the ON/OFF button for 3 seconds will turn the unit Off (the Touchscreen will display "Powering Off" for 3 seconds before going blank). When the GPS-810 is Off or in Standby, momentarily pressing the ON/OFF button will turn it on.

NOTE: When the GPS-810 is being powered by the car or wall charger the ON/OFF button icon will glow green while the unit is being charged, and will change to orange when the unit is fully charged.

Bottom:

Reset Button: Lets you reset the GPS-810 if it becomes unresponsive or won't power-off. Insert a paper clip or similar item into the small hole to press the switch. (Resetting the unit does not erase information that you have entered, such as your home location, etc.)

Mini USB Connector/Charger Port: Connects to your computer and to the included wall charger using the included USB cable. Connects to your vehicle's cigarette lighter or accessory power port using the included car charger.

Controls and Features (continued)

Mounting Slot: Locks the GPS-810 onto the included fold-flat mounting bracket for use in a vehicle.

Left Side:

Lock Switch: Locks the GPS-810's touchscreen and all of its controls. This prevents accidental operation without your having to turn the unit's power off, so you can carry it in your pocket or purse.

Right Side:

Volume/Brightness Control: Adjusts the volume of the GPS-810's built-in speaker. The volume control will also adjust the volume of headphones or an audio system that you have connected to the GPS-810's headphone jack (see below). To adjust the brightness, press the volume control knob in. The Brightness indicator will be superimposed on the screen and you can change the screen's brightness by rotating the volume knob.

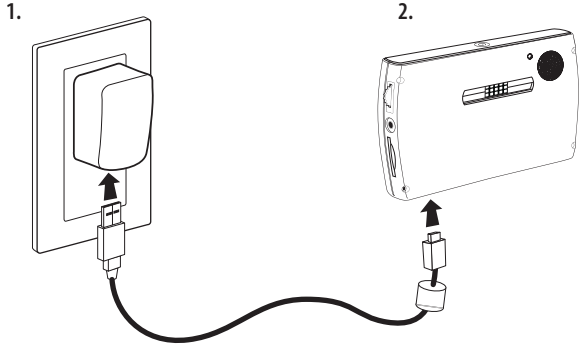
Headphone/Audio Output Jack: Lets you connect headphones for personal listening. You can also connect the headphone jack to an auxiliary input on your vehicle's audio system.

SD Card Slot: Accepts an SD memory card (not included). The SD card is required to store audio/video media and photos to be played on your GPS-810. The SD card slot can also be used to load maps for territories not covered by the maps preloaded in the GPS-810's memory.

Before You Begin Using the GPS-810

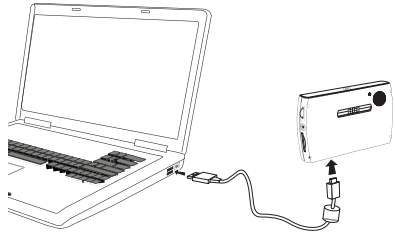
Charge its battery for a minimum of 6 hours:

1. Plug the included wall charger into a wall outlet.
2. Use the included USB cable to connect the GPS-810's Mini USB Connector/Charger port to the wall charger.
3. Let the unit charge for at least 6 hours before using it.



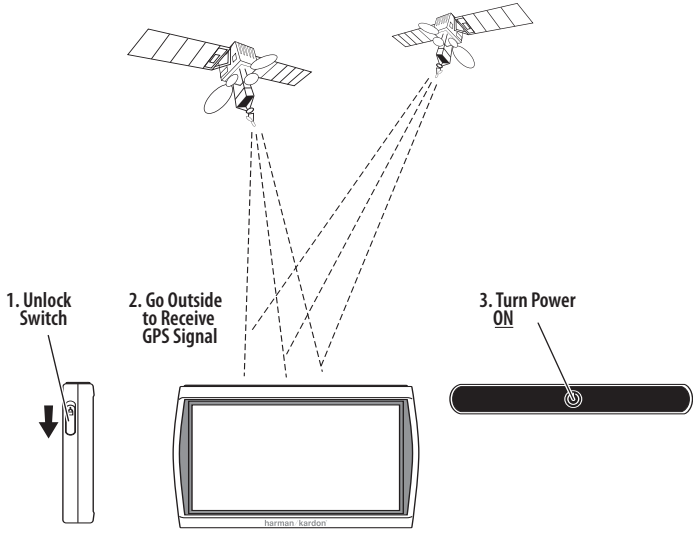
After the battery has charged for at least 6 hours:

1. Use the included USB cable to connect the GPS-810 to your computer's USB hub (*right*).
2. Go to **www.guideandplay.com**.
3. Click on the *Product Support* link.
4. Follow the instructions to download the latest firmware version into your GPS-810.



After the GPS-810's firmware has been updated:

1. Make sure the LOCK switch is in the DOWN (unlocked) position.
2. Go outdoors to obtain GPS reception.
3. Hold down the ON/OFF button until the unit turns on.



Initial Setup

When you turn your GPS-810 on for the first time, the Setup Wizard will appear. The Wizard will guide you through the GPS-810's initial setup steps:

1. Touch the button for the screen language you want to use (English, French or Spanish).

   Touch the NEXT button.

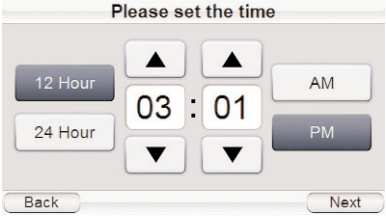
2. Touch the button for the distance units you want to use (kilometers/meters, miles/feet or miles/yards).

   Touch the NEXT button.

3. Touch the button for the time zone where you are located.

   Touch the NEXT button.

4. Set the current local time. You can also set the clock to display either 12-hour or 24-hour time. (Note that after you initially set the time, the GPS-810 will automatically update the time according to the GPS signals it receives.)

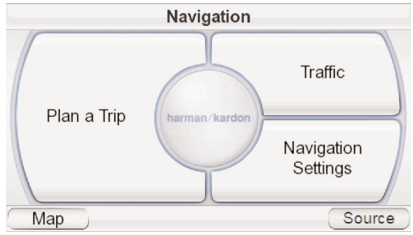


When you touch the NEXT button on the PLEASE SET THE TIME screen, the GPS-810 will display the NAVIGATION screen (see page 9).

NOTE: Once you complete these initial setup steps, the Setup Wizard will not reappear. To change any of the GPS-810's settings, see *CHANGING SETTINGS*, on page 27.

The geographic information provided by this device serves as a navigational aid only and does not include information pertaining to construction, road closures, speed restrictions, road or traffic conditions, or other circumstances relevant to public safety. The driver must always be aware of the actual road conditions and surroundings, and decide whether or not to follow the information provided by this device. Obey all traffic laws and observe safe driving practices. The manufacturer does not accept responsibility for any inaccurate or incomplete information provided by this device.

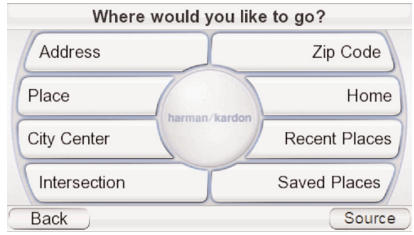
Navigation



After you complete the initial setup steps, the NAVIGATION screen (*right*) appears.

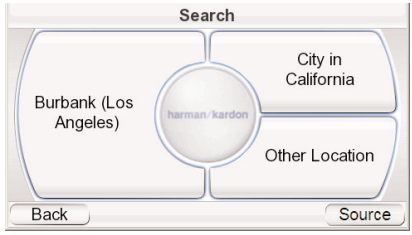
Planning a Trip

To begin navigation, touch the PLAN A TRIP button. The WHERE WOULD YOU LIKE TO GO? screen (*right*) appears.

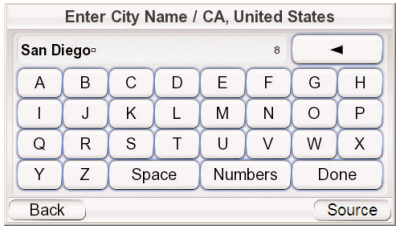


The WHERE WOULD YOU LIKE TO GO? screen gives you several ways to plan your trip. You can enter a specific street address, choose a place from the GPS-810's extensive point-of-interest database, enter a city center, intersection or postal code, or navigate to locations you have recently visited or saved. The GPS-810 also lets you store your home address so you can quickly enter it as your destination from wherever you happen to be.

ENTERING A STREET ADDRESS



1. Touch the ADDRESS button on the WHERE WOULD YOU LIKE TO GO? screen. The SEARCH screen appears (*right*).
2. Touch the appropriate button for the city you want to travel to.
   - If you select one of the city buttons, the ENTER CITY NAME screen (*below*) appears.
   - If you select OTHER LOCATION, the SELECT COUNTRY and SELECT STATE screens will appear. Select the desired country (the U.S. or Canada) and then the desired state. The ENTER CITY NAME screen (*right*) appears.



3. Spell the name of the desired city. When you have finished, touch the DONE button. The ENTER STREET NAME screen (*right*) appears.
   - In most cases, once you've entered some letters, the screen will display all of the cities that fit. Select the desired city from the list.

4. Spell the name of the street. When you are finished, touch the DONE button. The ENTER HOUSE NUMBER screen appears.
   - In many cases, once you've entered some letters, the screen will display all of the streets that fit. Select the desired street from the list.
5. Enter the desired address number. When you touch the DONE button, the CONFIRM ADDRESS screen (*right*) appears.
6. Touch GO to begin navigation. The map screen will appear. Once you start driving, the GPS-810 will guide you to your destination. (See *Navigating To Your Destination*, on page 14.)

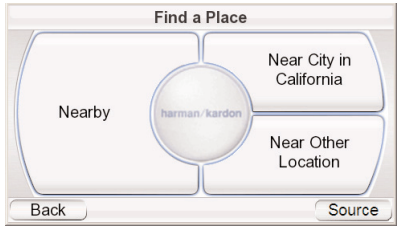
CHOOSING A PLACE (FROM THE GPS-810'S DATABASE)

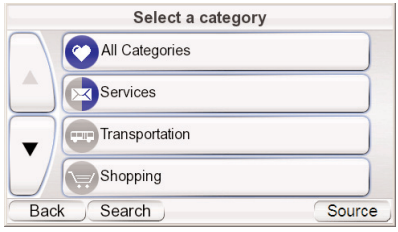
The GPS-810 has a built-in point-of-interest database with millions of entries in many different categories:

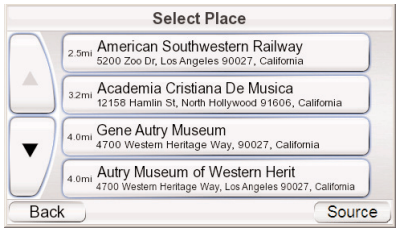
- **SERVICES:** Gas stations, car dealers and rentals, post offices, banks and ATMs
- **TRANSPORTATION:** Airports, railroads, ferries, bus stations, parking areas, rest areas
- **SHOPPING:** Shopping centers, independent stores
- **ENTERTAINMENT:** Amusement parks, zoos, movie theaters, casinos, nightclubs and bars, tourist attractions
- **CULTURE:** Museums, libraries, live theater, concert halls, exhibition and convention centers, schools, colleges and universities
- **SPORTS/RECREATION:** Golf courses, ice skating rinks, swimming pools, tennis courts, fitness and sports centers, stadiums, beaches, yacht basins, parks & recreation centers
- **EMERGENCY/GOVERNMENT:** Hospitals and clinics, emergency care centers, dentists, first-aid centers
- **FOOD & DRINK:** Restaurants, wineries
- **LODGING:** Hotels and motels, campgrounds and RV parks
- **ARTIFICIAL LANDMARKS:** Cemeteries

To Navigate to a Place:

1. Touch the Place button on the Where Would You Like To Go? screen (see page 9). The Find a Place screen (*right*) appears.
2. Select the desired area. The Select a Category screen (*right*) appears. (If you know the name of the place, you can enter it instead of searching by category.)
3. Use the up/down arrow buttons to find the desired category, then touch it. The Select Place screen (*right*) appears.
4. Use the up/down arrow buttons to scroll through the list of places, then touch the button for the place you want to go. The Confirm Address screen (*right*) appears.
5. Touch Go to begin navigation. The map screen will appear. Once you start driving, the GPS-810 will guide you to your destination. (See *Navigating to Your Destination*, on page 14.)





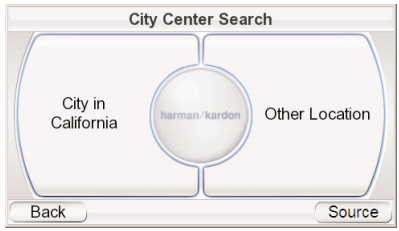

Select Place
2.5mi American Southwestern Railway
5200 Zoo Dr, Los Angeles 90027, California
3.2mi Academia Cristiana De Musica
12158 Hamlin St, North Hollywood 91606, California
4.0mi Gene Autry Museum
4700 Western Heritage Way, 90027, California
4.0mi Autry Museum of Western Herit
4700 Western Heritage Way, Los Angeles 90027, California
Back
Source

Selecting a City Center, Intersection or Postal Code

The GPS-810 can guide you to a city center, to the intersection of two streets or to a specific postal code.

Navigating to a City Center:

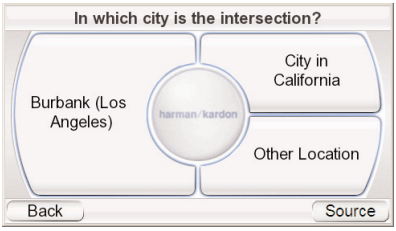
1. Touch the City Center button on the Where Would You Like To Go? screen (see page 8). The City Center Search screen (*right*) appears.
2. Touch the appropriate button and enter the city's name. When you're finished, the Confirm Address screen appears (see next page).



3. Touch the GO button to begin navigation. The map screen will appear. Once you start driving, the GPS-810 will guide you to the center of the city you selected. (*See Navigating to Your Destination*, on page 14.)

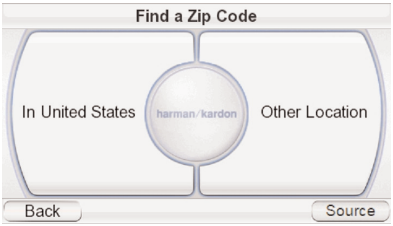
NAVIGATING TO AN INTERSECTION:

1. Touch the INTERSECTION button on the WHERE WOULD YOU LIKE TO GO? screen (see page 9). The IN WHICH CITY IS THE INTERSECTION? screen (*right*) appears.
2. Select the city. The ENTER STREET NAME screen appears.
3. Enter the name of the first street. When you are finished the ENTER SECOND STREET NAME screen appears.
4. Enter the name of the second street. The CONFIRM ADDRESS screen (*right*) appears.
5. Touch the GO button to begin navigation. The map screen will appear. Once you start driving, the GPS-810 will guide you to the intersection you selected. (See *Navigating to Your Destination*, on page 14.)



NAVIGATING TO A POSTAL CODE:

1. Touch the POSTAL CODE button on the WHERE WOULD YOU LIKE TO GO? screen. The FIND A POSTAL CODE screen (*right*) appears.
2. Select the country and enter the postal code. The ENTER STREET NAME screen appears.
3. Spell the name of the street. When you are finished, touch the DONE button. The ENTER HOUSE NUMBER screen appears.
4. Enter the desired address number. When you touch the DONE button, the CONFIRM ADDRESS screen (*right*) appears.



5. Touch Go to begin navigation. The map screen will appear. Once you start driving, the GPS-810 will guide you to the address you've entered. (See *Navigating to Your Destination*, on page 14.)

Navigating to Your Home

The GPS-810 stores your home address so you can easily select it as a destination, no matter where you are in North America.

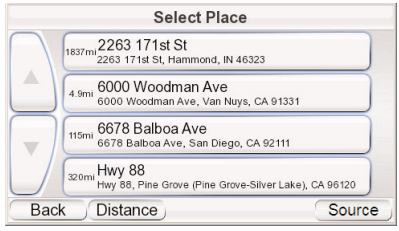
1. Touch the Home button on the Where Would You Like To Go? screen (see page 9). The Confirm Home Address screen (*right*) will appear.
2. Touch Go to begin navigation. The map screen will appear. Once you start driving the GPS-810 will guide you to your destination. (See *Navigating to Your Destination*, on page 14.)

NOTE: If you have not yet set your home address, the GPS-810 will have you do so.

Navigating to Recently Visited or Saved Locations

The GPS-810 stores a list of your recently visited locations in a History page and also lets you save locations to a special list. You can easily select your destination from either of these lists.

1. Touch the Recent Places or Saved Places button on the Where Would You Like To Go? screen (see page 8). The Recent Places page (*right*) or the Select Place list (*below, right*) will appear.
2. Use the up/down arrow buttons to scroll through the list of places, then touch the button for the place you want to go. The Confirm Address screen (*below, right*) will appear.
3. Touch Go to begin navigation. The map screen will appear. Once you start driving, the GPS-810 will guide you to your destination. (See *Navigating to Your Destination*, on page 14.)



Confirm Address Screen Options

Besides touching the Go button to begin navigation, the Confirm Address screen (see page 14) also gives you these options:

View Map: Touch to see a map showing your destination. You can change the map view and zoom the view in and out (see *Map Screen Options*, on page 15).

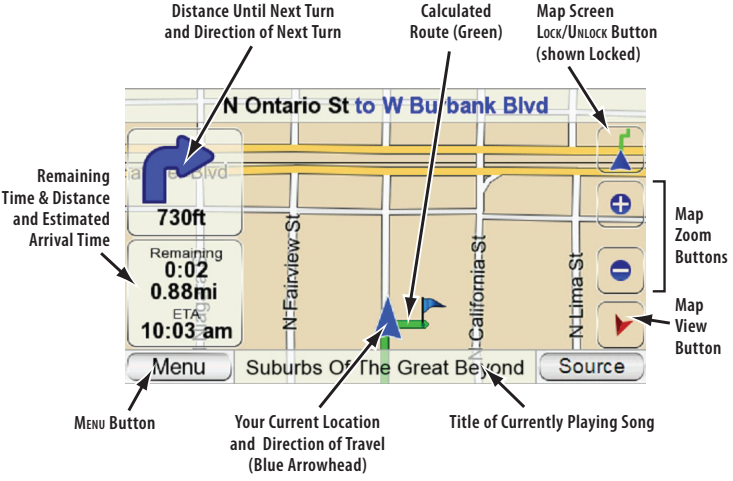
NOTE: Touching the View Map button does not begin navigation.

Simulate: Touch to have the GPS-810 simulate the trip. The simulation includes all map movements and voice-guidance turn prompts, and takes place at high speed. To abort the simulation, touch anywhere on the screen.

Save: Touch to save the address in the GPS-810's address book. If you want you can add a name to the address.

Navigating to Your Destination

Once you have entered your destination, touching the Go button on any of the GPS-810's Confirm Address screens will begin navigation. The Map screen (*below*) will appear. The blue arrowhead indicates your present location and your direction of travel. The route that the GPS-810 has calculated is indicated by the green line.



The map shows the distance to and direction of your next turn, and also shows the remaining time and distance of your trip and your estimated arrival time.

NOTE: If you are playing music on the GPS-810's Music Player (see page 23), the Map screen will also display the title of the currently playing song.

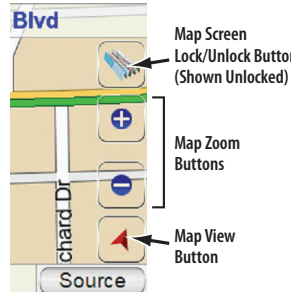
As you drive, the GPS-810 keeps track of your position via GPS, will issue voice guidance commands through the built-in speaker, telling you when and where to turn, and the map will continually update your position along your route. If you make a wrong turn, the GPS-810 will automatically calculate a new route and will continue to guide you to your destination.

Map Screen Options

Map Screen Lock/Unlock Button: Touching this button locks and unlocks the map screen. When the map screen is unlocked, you can move the map position by moving your finger on the touchscreen in the direction you want the map to move. (See illustration, below, left.)

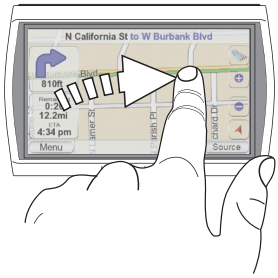
NOTE: The Map Screen Lock/Unlock button does not affect the Map Zoom and Map View buttons.

Map View Button: Touching this button cycles the map view between 2D, 2D north-oriented and 3D. (See illustrations, *below, right*.)

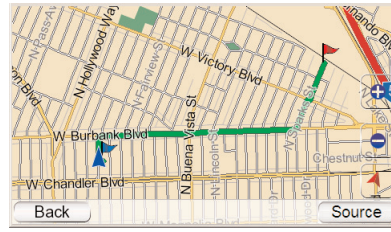


Map Screen Option Buttons

Map Zoom Buttons: Repeatedly touching the "+" and "–" buttons zooms your view from a distance of just a few yards off the ground all the way to a view from thousands of miles in space. (See illustrations, *below, left*.)

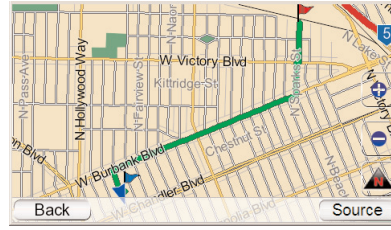


Moving the Map Position



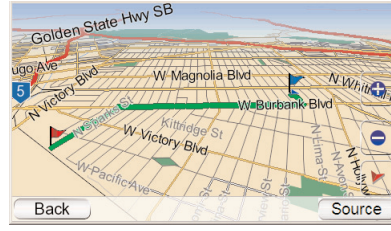
2D Map View

Zoom In (Closest View)



2D (North-Oriented) Map View

Zoom Out (Farthest View)



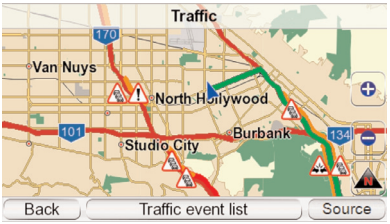
3D Map View

Navigation Options

While you're navigating, touching the MENU button on the MAP screen (see page 14) displays the NAVIGATION screen (*right*).

PLAN A TRIP BUTTON: Lets you select a different navigation destination. (See *Planning a Trip,* on page 9.)

STOP NAVIGATION BUTTON: Stops the current GPS-810 navigation session.

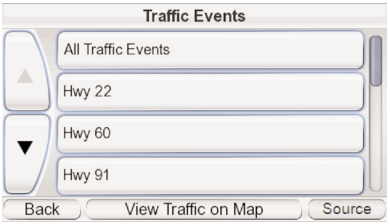


TRAFFIC BUTTON: After you're subscribed to the TMC traffic information service (see page 18 for details), this button displays real-time traffic information on the map screen (*right*).

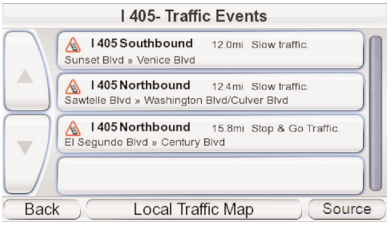
NOTE: The GPS-810 only receives the TMC traffic information signal when it is attached to its mounting base and is being powered by the car charger. See page 32 for details.

TRAFFIC INFORMATION

Traffic slowdowns are shown in orange along the roads. Specific traffic hazards are indicated icons on the map screen



TRAFFIC EVENT LIST BUTTON: Displays a list of all the major highways in your area that have traffic hazards (*right*). Touching the ALL TRAFFIC EVENTS button lists all traffic hazards, in the order of how close they are to your current location. Touching a highway's button displays a list of the traffic hazards on that road (*right*). The list shows the location of the hazard, its distance from your current location and describes the type of hazard.


I 405- Traffic Events
I 405 Southbound 12.0mi Slow traffic.
Sunset Blvd » Venice Blvd
I 405 Northbound 12.4mi Slow traffic.
Sawtelle Blvd » Washington Blvd/Culver Blvd
I 405 Northbound 15.8mi Stop & Go Traffic.
El Segundo Blvd » Century Blvd
Back
Local Traffic Map
Source

Touching a hazard's button zooms the map screen in on the area with the hazard. The VIEW TRAFFIC ON MAP and LOCAL TRAFFIC MAP buttons return to the map screen.

NAVIGATION SETTINGS BUTTON: Lets you change the GPS-810's navigation settings. (See *Changing Navigation Settings,* on page 18.)

MAP BUTTON: Takes you back to the MAP screen.

ROUTE OPTIONS BUTTON: Displays the ROUTE OPTIONS screen (*right*).

Route Options Screen
(*top, right*)

View Route Button: Shows a map view of the entire navigation route. (See *2D Map View* illustration on page 15.)

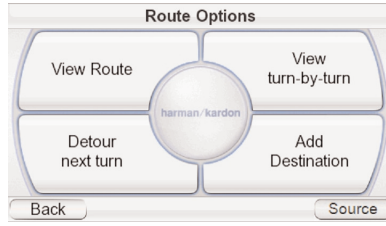
View Turn-by-Turn Button: Displays a detailed list of each turn for the entire trip (*second, right*). The list shows the direction of each turn and how far to drive on each leg of the journey. Touching a turn's button will display a map showing that particular leg of the trip (*third, right*).

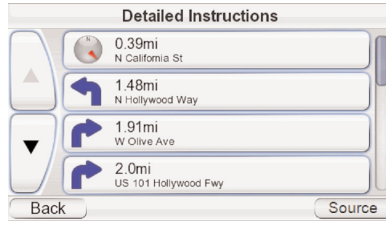
Touching the Change Route By Avoiding button lets you alter your route (*bottom, right*). This screen lets the GPS-810 recalculate a new route that avoids a particular turn, road or road segment.

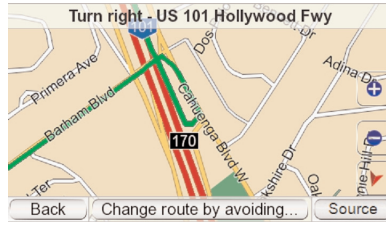
NOTE: Voice guidance continues when the GPS-810's screen is in the Turn-By-Turn view.

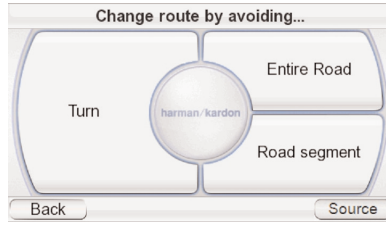
Add Destination Button: Lets you add another destination at the end of your trip. See *Planning a Trip*, on page 9.

Detour Next Turn Button: Recalculates your route, avoiding the next turn. Use this to avoid construction sites, traffic jams, etc.

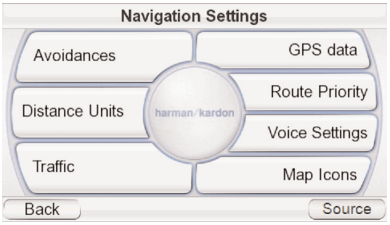








Changing Navigation Settings



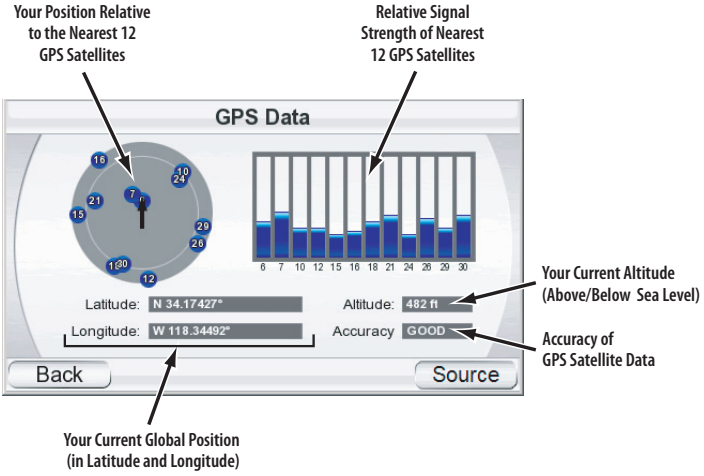
Touching the NAVIGATION SETTINGS button displays the NAVIGATION SETTINGS screen (*right*).

AVOIDANCES: When the GPS-810 calculates navigation routes, you can set it to always avoid the following: U-turns/ Unpaved roads/ Toll roads/ Carpool (HOV) roads/Highways/Border crossings/Ferries/Traffic jams

NOTE: The GPS-810 comes from the factory with the UNPAVED ROADS avoidance set to ON.

DISTANCE UNITS: You can set the GPS-810's distance units to kilometers/meters, miles/feet or miles/yards. This affects the units shown on the screen, and the units given during voice navigation prompts.

GPS DATA: This screen displays the following information:


Your Position Relative to the Nearest 12 GPS Satellites
Relative Signal Strength of Nearest 12 GPS Satellites
GPS Data
6 7 10 12 15 16 18 21 24 26 29 30
Latitude: N 34.17427°
Longitude: W 118.34492°
Altitude: 482 ft
Accuracy GOOD
Your Current Altitude (Above/Below Sea Level)
Accuracy of GPS Satellite Data
Back
Source
Your Current Global Position (in Latitude and Longitude)

NOTE: Your GPS-810 will lose contact with the GPS satellites whenever you turn its power off. After turning the power back on, you will need to go outside to receive the GPS signal again before the navigation functions will operate.

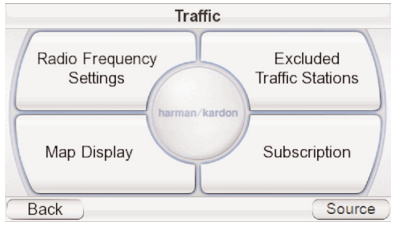
ROUTE PRIORITY: When the GPS-810 calculates navigation routes, you can set it to give priority to either the Shortest Distance or the Shortest Time (top speed limits).

VOICE SETTINGS: Lets you choose between having voice guidance in a natural voice that does not announce individual street names, or a TTS voice that announces individual street names (English only).

MAP ICONS: Lets you select to display icons for various Point Of Interest locations on the navigation map. (See *Choosing A Place from the GPS-810's Database*, on page 10, for details.)

Traffic: Displays the Traffic setup screen (*top, right*).

NOTE: For information about subscribing to the TMC Traffic Service, see page 13 of the Quick-Start Guide included with the GPS-810.



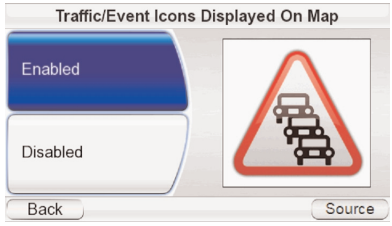
Traffic Setup Screen

Radio Frequency Settings: The TMC traffic signal is broadcast as a 'sideband' on certain FM radio station signals. The Radio Frequency Settings screen (*second, right*) lets you tune the GPS-810 to an FM station that is broadcasting the TMC traffic information in the area where you are. The large button at the bottom cycles the tuning between auto and manual. The Exclude This Station button skips the current station during Auto tuning. (This is useful if the station contains traffic information for a different area.)

Excluded Traffic Stations: Displays a list of all FM stations you have excluded from TMC tuning.

Subscription: Shows when your current TMC subscription expires and has your GPS810's unique TMC ID number.

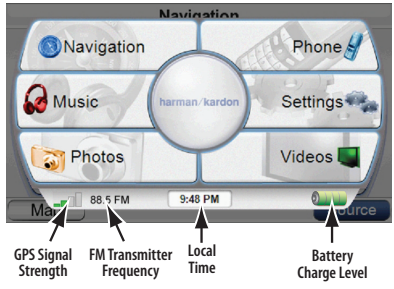
Map Display: Allows you to enable or disable the display of traffic and event icons on the navigation map (*right*).



The Source Screen

Touching the Source button on any of the GPS-810's screens displays the Source screen (*right*).

The Source screen lets you select the GPS-810's navigation, music player, video player, photo viewer or phone functions. The Source screen also lets you change the GPS-810's settings. (See *Changing Settings*, on page 27.)



The Source screen also displays the strength of the GPS signal the GPS-810 is receiving, the built-in FM transmitter's FM frequency (if turned on), the local time and the GPS-810 battery's charge level.

NOTE: The orange battery/lightning bolt symbol indicates that the GPS-810 is being powered through its charger port.

Playing Music, Video and Photo Files

In addition to its navigation functions, your GPS-810 can play your music and video files and display your photos. These files must be loaded onto an SD media card. (SD card **not included**.)

Compatible A/V File Types

In order to play on your GPS-810, audio and video files must be in one of the following formats:

Audio

MP3: VBR/CBR (8 ~ 448kbps), 8 ~ 48kHz, ID3 tags (v1 and v2.1 to v2.3) with album art supported .

WMA: 32kbps up to 160kbps (VBR) and 32kbps up to 256kbps (CBR), WMA Lossless, WMA Pro, playback up to 48kHz, DRM 10, ASF tag with album art supported.

M4A: VBR/CBR (8 ~ 320Kbps), 8 – 96kHz sample rate, M4A, MP4 extensions only. M4A tag with album art supported.

Video

MPEG-4: Max 640 x 480 with 20fps with 1Mbps data rate. ASP profile compatible. AVI extension only. 'DIV3' not supported.

WMV: WMV codecs 7, 8 and 9, and Advanced Profile, DRM 10.

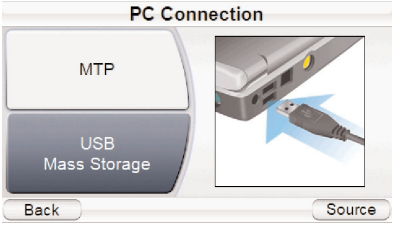
H.264: Baseline profile only. Mqax 640 c 480 with 15fps with 1 Mbps data rate. M4V, MP4, 3GP extensions only.

Photos

JPEG, BMP and GIF formats, up to 4096 x 3072 pixels. Resizing images to the GPS-810's native screen resolution of 480 x 272 will produce the best results.

Loading Media on Your SD Card

There are two ways to transfer media from your computer to an SD card inserted into your GPS-810: via USB Mass Storage or via MTP (Media Transfer Protocol). Touch the Settings button on the Source screen (see *Changing Settings*, on page 27), then touch the PC Connect button. The PC Connection screen (*right*) will appear, with buttons for MTP and USB Mass Storage modes.



MTP (Media Transfer Protocol)

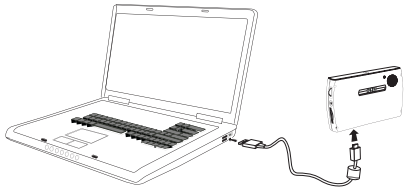
MTP mode transfers files using the Sync mode of Windows Media® Player (ver. 10 or higher). If necessary, Windows Media Player will automatically transcode video files to a format supported by GPS-810.

To use the MTP mode, you must have a PC that is running the Windows® XP operating system (Service Pack 2 or higher) and has Windows Media Player 10 or higher installed.

NOTE: You must use the MTP mode to transfer Windows Media Playlists for use in the GPS-810.

To Transfer Files to the GPS-810 in MTP Mode:

1. Insert an SD card into the GPS-810's SD card slot (see page 4).
2. Make sure the USB cable is *disconnected* from the GPS-810.
3. Set the GPS-810's USB mode to MTP (see page 20).
4. Connect the GPS-810 to your computer's USB hub (*right*).
5. Launch your computer's Windows Media Player.
6. Locate the files you want to transfer.
7. Select Windows Media Player's Sync mode (see below).



8. Drag the files you want to transfer into the Windows Media Player Sync List (see below).
9. Select Start Sync and wait for the process to finish (see below).

NOTE: Your Windows Media Player screen may look different from the example.

Once the Sync is finished, you can unplug the GPS-810 from your computer and watch or listen to the files on it. (See *Listening to Music*, on page 23, and *Watching Videos*, on page 24).

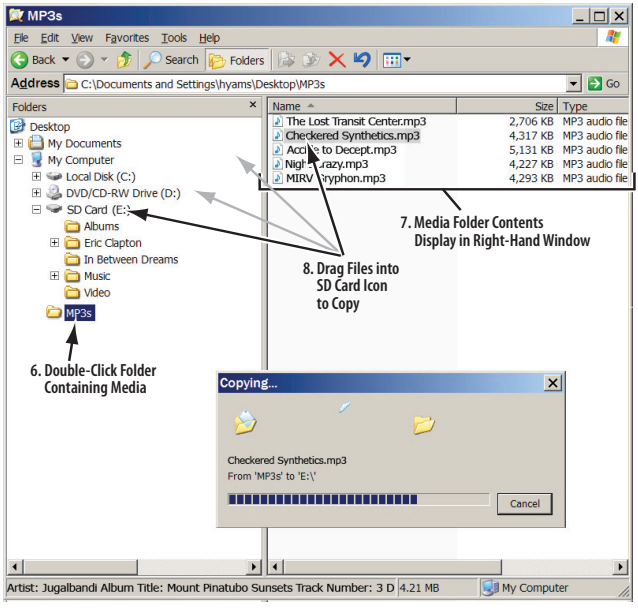
USB Mass Storage

The USB Mass Storage mode lets you transfer files the using drag-and-drop method on your computer – the same method you use to transfer files from one folder or drive to another. However, when transferring files in the USB Mass Storage mode, video files that are in formats not supported by GPS-810 will be transferred without transcoding. These files won't be playable on your GPS-810 but will take up space on your SD card.

NOTE: You must use the MTP mode to transfer Windows Media Playlists for use in the GPS-810. See *MTP*, on page 20.

To Transfer Files to the GPS-810 in the USB Mass Storage Mode:

1. Insert an SD card into the GPS-810's SD card slot (see page 4).
2. Make sure the USB cable is *disconnected* from the GPS-810.
3. Set the GPS-810's USB mode to USB Mass Storage (see page 20).
4. Connect the GPS-810 to your computer's USB hub (see page 21).
5. Launch Windows Explorer (*not* Internet Explorer) on your computer.
   - Find it at *Start* > *Programs* > *Accessories* > *Windows Explorer*
6. Find the folder with your media in Windows Explorer's left-hand window.
7. Double-click the folder. Its contents will appear in the right-hand window.
8. Drag the files you want to transfer from the right-hand window into the SD card icon in the left-hand window. (The SD card will appear in the left-hand window as one of your computer drives.)

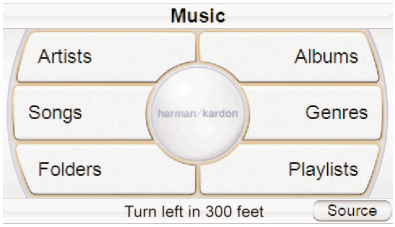


NOTE: Your Windows Explorer screen may look different from the example.

When you're finished, you can unplug the GPS-810 from your computer and watch or listen to the files on it. (See *Listening to Music*, on page 23, and *Watching Videos*, on page 24).

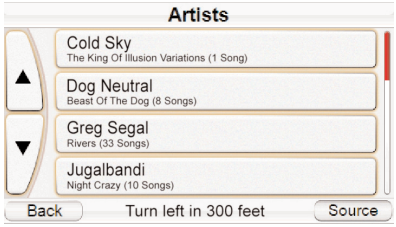
Listening to Music

Touch the MUSIC button on the SOURCE screen. The Music menu (*right*) will appear.



You can sort and play your music by touching the ARTISTS, ALBUM, GENRE, PLAYLIST, FOLDERS or SONGS buttons.

SELECTING MUSIC



BY ARTIST: Touching the ARTIST button displays an alphabetical list of all of the artists with songs stored on the SD card (*right*). Touch the button for the artist you want, then touch the button for the song you want to hear. The GPS-810 will display the NOW PLAYING screen *(below)*, play the song, then play through the rest of the songs by that artist.

NOTE: The ALBUM, GENRE, PLAYLIST and FOLDER screens all look and work the same as the ARTIST screen.

THE NOW PLAYING SCREEN

The GPS-810 will display the NOW PLAYING screen (*below*) while songs are playing, giving you control of and information about your music.

Scroll UP/DOWN the Song List
Skip to the Previous Song
Title of Current Album or Folder
Current Song, Album and Artist (Touch to Cycle Between Play and Pause)
Beast Of, Vol_ 1
Kennels Of Shame
Suburbs Of The Great...
Dog Neutral
Beast Of, Vol_ 1
Activate Shuffle or Repeat Play
1:59
Elapsed Time
MIRV Gryphon
Back
Turn left in 300 feet
Source
Art from Current Album Cover
Drag Button to Skip Ahead or Backwards in the Current Song
Navigation Guidance Prompts
Skip to the Next Song

NOTE: During navigation, guidance prompts appear at the bottom of the NOW PLAYING screen (above), the MUSIC menu screen and the ARTISTS screen (*above*). Voice guidance prompts will continue to be heard while music is playing.

By Album: Touching the Album button displays an alphabetical list of all of the albums with songs stored on the SD card. Touch the button for the album you want, then touch the button for the song you want to hear. The GPS-810 will display the Now Playing screen (see page 23), play the song, then play through the rest of the songs on the album.

By Genre: Touching the Genre button displays an alphabetical list of all the music genres stored on the SD card. Touch the button for the genre you want, then touch the button for the song you want to hear. The GPS-810 will display the Now Playing screen (see page 23), play the song, then play through the rest of the songs in that genre.

NOTE: Genre classifications are predetermined and cannot be changed by the GPS-810.

By Playlist: Touching the Playlist button displays an alphabetical list of all the playlists stored on the SD card. Touch the button for the playlist you want, then touch the button for the song you want to hear. The GPS-810 will display the Now Playing screen (see page 23), play the song, then play through the rest of the songs in that playlist.

NOTE: Playlist contents are determined by the computer the songs were transferred from and cannot be changed by the GPS-810.

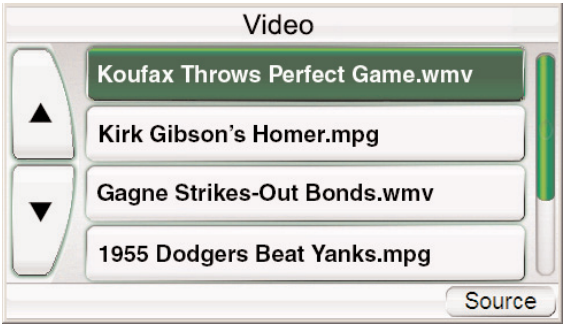
By Folder: Folders and songs transferred to the SD card using the USB Mass Storage mode will retain the same folder structure they had on the host computer.

By Song: Touching the Song button displays the Now Playing screen (see page 23) and immediately begins playing the stored songs in alphabetical order by song title.

Watching Videos

For safety reasons, this device will cease navigation functions when the video mode is enabled. Do not attempt to disable any safety function incorporated in this device. Any alteration of this device may cause serious injury and shall void the warranty.

Touch the Video button on the Source screen. The Videos screen (*below*) will appear. All of the videos stored on your SD card will be displayed, in the order in which they were put on the SD card, with the first one at the top.



To view a video, use the Scroll UP/DOWN buttons to find it, then touch its button. When the video is finished playing, the Videos screen will reappear.

Looking at Photos

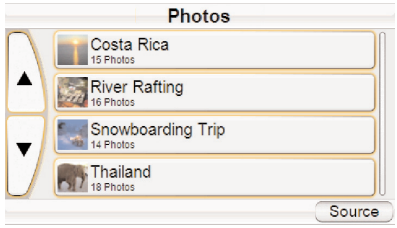
Touch the PHOTOS button on the SOURCE screen. The PHOTOS screen (*top, right*) will appear, listing all of the folders on your SD card that contain photos.

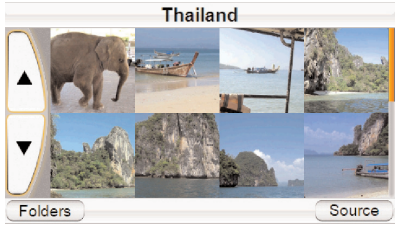
To look at photos, use the Scroll UP/DOWN buttons to find the folder you want, then touch its button. The GPS-810 will display thumbnails of all the photos inside the folder (*second, right*).

Touching a thumbnail will display it (*third, right*).

- To see the full photo (*fourth, right*), touch the screen.
- To see the next or previous photos in the folder, touch the Skip Ahead/Skip Backward buttons (*below*).

- To see a slide show of all the photos in the folder, touch the center arrow button. The GPS-810 will display a fullscreen version of each photo for 5 seconds. To end the slideshow, touch the screen.
- Touch the BACK button to return to the folder's thumbnail page.
- Touch the FOLDERS button on the thumbnail page to return to the PHOTOS folders list screen.





Using With a Bluetooth Phone

Your GPS-810 has calling features that can be used with a Bluetooth-enabled phone. Before using the GPS-810's phone features, please read the instructions for your particular Bluetooth phone.

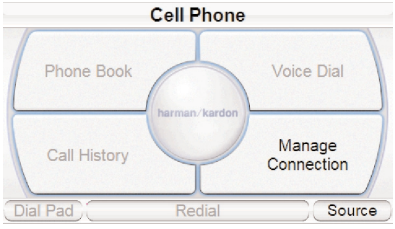
NOTE: The very first time you touch the PHONE button the GPS-810 will take you through the Cell Phone Setup procedure. See page 6 of the Quick-Start Guide included with your GPS-810 for details.

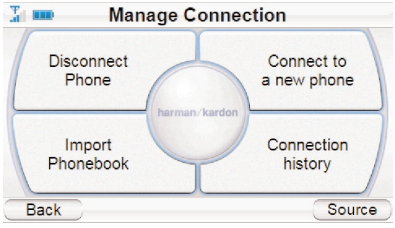
To Connect to a New Phone

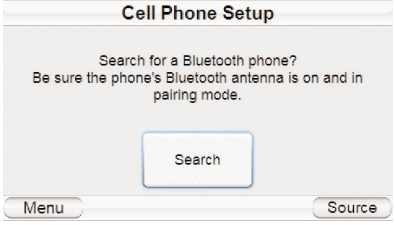
IMPORTANT: The exact connection procedure may vary somewhat among different Bluetooth-enabled phones. When attempting to connect to a new phone be sure to follow the screen prompts on both the GPS-810 *and* the Bluetooth-enabled phone.

1. Turn your Bluetooth-enabled phone ON and put it in *Pairing* (or *Discovery*) mode.
2. Touch the PHONE button on the SOURCE screen (see page 19). The CELL PHONE screen (*right*) appears.
3. Touch the MANAGE CONNECTION button. The MANAGE CONNECTION screen (*below, right*) appears.
4. Touch the CONNECT TO A NEW PHONE button. The CELL PHONE SETUP screen (*bottom, right*) appears.
5. Place the Bluetooth-enabled phone into the Pairing mode (this may require entering a passkey number, typically "0-0-0-0").
5. Touch the SEARCH button and follow any screen prompts. When the GPS-810 connects to your phone it will attempt to import its phone book. (Phone book compatibility varies among different Bluetooth phones.)

You can now place and receive calls using your GPS-810.

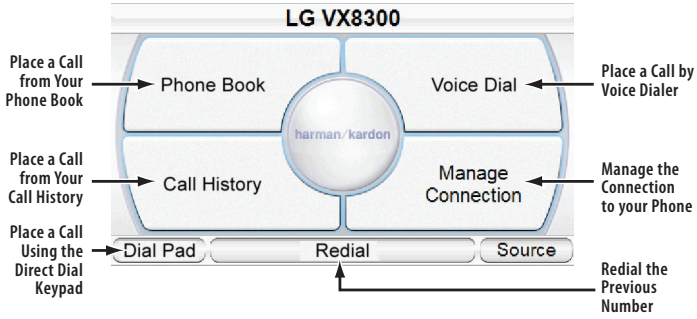






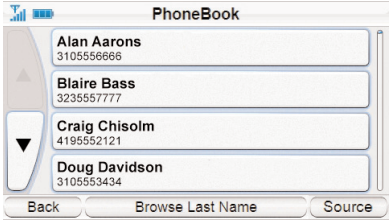
Placing and Receiving Phone Calls

Touching the PHONE button on the SOURCE screen displays a screen for your particular phone. There are several ways you can place calls (*below*).



PLACING CALLS FROM THE PHONEBOOK OR CALL HISTORY

Touching the buttons displays a list of entries (*right*). Touching an entry places a call to that number.

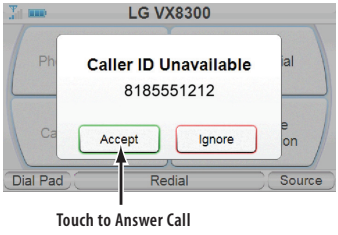


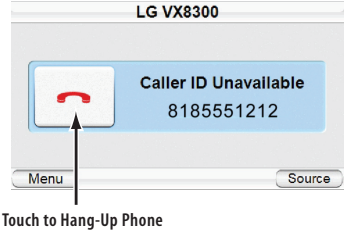
VOICE DIALING CALLS (FOR VOICE DIALING-ENABLED PHONES ONLY)

You can use the GPS-810's built-in microphone to voice dial calls. However, for better performance (especially in a vehicle) we strongly recommend attaching the GPS-810 to the included mounting bracket and using the Guide + Play hands-free microphone (model # GPS-MIC, *not included*). The microphone connects to the mounting bracket (see page 32 for details).

RECEIVING AN INCOMING CALL

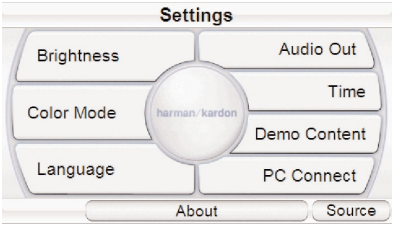
When your phone receives a call the GPS-810 will display an alert (*below, left*). Touch ACCEPT to answer the call. When the call is finished touch the hang-up button (*below, right*).





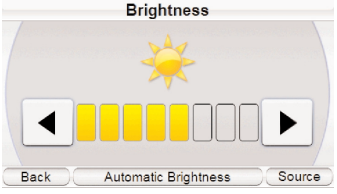
Changing Settings

Touching the SETTINGS button on the SOURCE screen (see page 19) displays the SETTINGS screen (*right*). This lets you change any of these GPS-810 settings:



Brightness

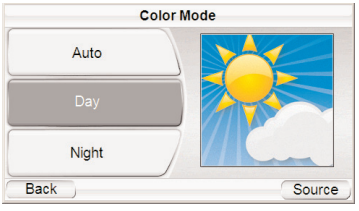
The BRIGHTNESS button lets you adjust the GPS-810's screen brightness so you can clearly see it in various lighting conditions. You can select manual (*below, left*) or automatic (*below, right*) adjustment.

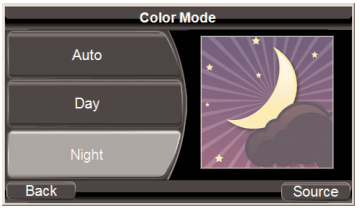


NOTE: You can access the brightness adjustment at any time by pressing the Volume Control knob in. The BRIGHTNESS indicator will be superimposed on the screen and you can manually change the screen's brightness by rotating the volume knob, or change the mode to AUTOMATIC.

Color Mode

The GPS-810 has two color modes: DAY (optimized for viewing in brighter light, *below, left*) and NIGHT (optimized for viewing in lower light, *below, right*). You can manually select either mode or select the AUTO button, which automatically changes the color mode according to the time of day.



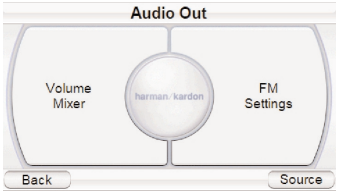


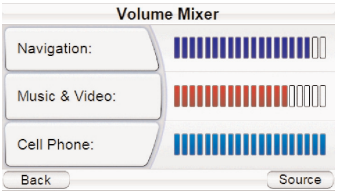
Language

The LANGUAGE button lets you set the GPS-810's screen and voice-guidance languages to any of thirteen different languages (*right*).

Audio Out

The Audio Out button lets you adjust the Volume Mixer and the FM Settings (*below, left*).

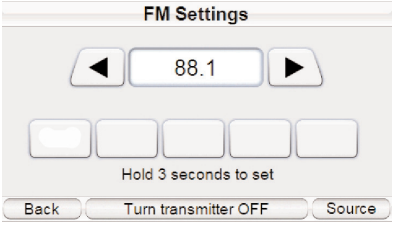




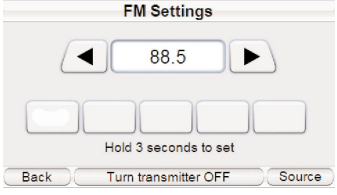
Volume Mixer: Lets you adjust the relative volume levels of the navigation voice guidance, music and video files and cell phone (*above, right*). Touching each button displays a volume adjustment screen for that function.

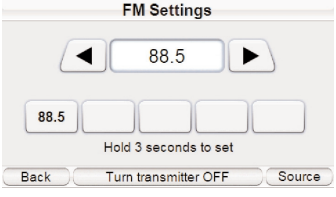
FM Settings: The GPS-810 contains an FM transmitter that will 'broadcast' its audio to your vehicle's FM radio, providing much better sound than is possible through the GPS-810's built-in speaker. To use this you need to find an FM frequency that's not being used in your area (If you use an FM channel that is being used by a local broadcaster it will interfere with the sound of your GPS-810.)

1. Turn your vehicle's radio on and tune through its FM channels to find one (between 88.1MHz and 107.9MHz) that is not broadcasting in your area.
2. Once you have located an FM channel that is not broadcasting in your area, save it as a preset on your vehicle radio. This will become your GPS-810 preset.
3. Touch the FM Settings button, then touch the Turn transmitter ON button. The FM Settings screen will be displayed (*above*).



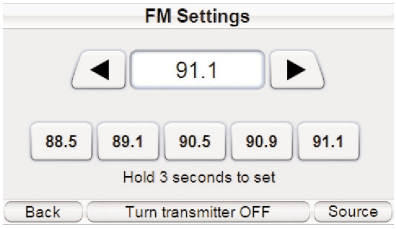
4. Use the arrow buttons to set the frequency to one that matches the channel that you preset on your vehicle radio in Step 2 (below, *left*).
5. Touch the first empty preset button for at least 3 seconds to set the FM frequency (*below, right*).





6. To listen to your GPS-810 through your vehicle's FM radio, turn your GPS-810 on, then your vehicle's FM radio on and press the GPS-810 preset you set in Step 2.

7. If you regularly travel between cities with different active FM channels, you may need to find channels that are not broadcasting in each city. Your GPS-810 can store up to 5 preset FM transmit channels (*right*), so you can easily switch to the best FM channel for each city.



NOTE: The currently-active FM transmitter frequency will be displayed in the lower left corner of the SOURCE screen. See *The Source Screen*, on page 19.

Time

The TIME button lets you adjust the GPS-810's time settings:

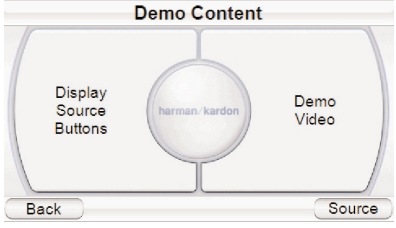
TIME ZONE: The TIME ZONE button lets you reset the GPS-810's time zone to match the local time. This is especially useful if you are traveling through different time zones.

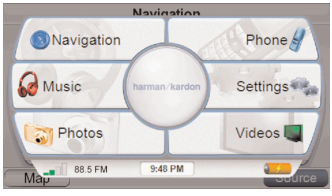
FORMAT: Switches between 12-hour and 24-hour (military) time formats.

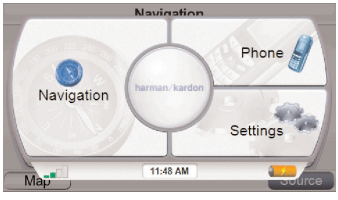
DAYLIGHT SAVINGS: Selecting ON adds an hour to the current time.

Demo Content

The DISPLAY SOURCE BUTTONS button on the DEMO CONTENT screen (*right*) lets you select between the standard SOURCE screen (*below, left*), and one that does not display the GPS-810's MUSIC, VIDEO and PHOTOS media source buttons *(below, right)*.







NOTE: If an SD card containing media is loaded in the GPS-810's SD card slot, the SOURCE screen will always show the MUSIC, VIDEO and PHOTOS media source buttons.

The DEMO CONTENT screen also allows you to set the GPS-810 to automatically play a continuous demo video if its touch screen hasn't been operated for three minutes. When the demo is running, you can turn it off by touching anywhere on the screen.

PC Connect

Lets you switch the GPS-810 between the MTP and USB Mass Storage modes. See *Loading Media on Your SD Card*, on page 20, for details.

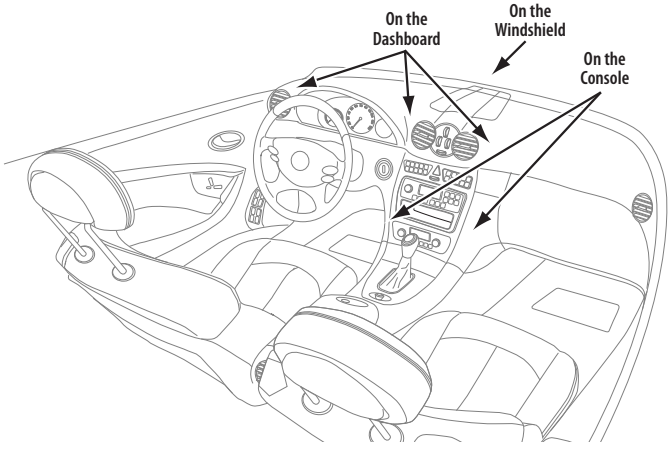
Installation and Use in a Vehicle

Do not install this device in any manner that impairs the safe operation of the vehicle. Do not install this device on any airbag panels or in the deployment field of any airbags. Do not place the device on the vehicle's dashboard unsecured. Failure to observe the installation or usage instructions may result in traffic accidents or personal injury.

The installation of this device on the windshield, between the driver and the windshield, or otherwise in any manner that obstructs the driver's clear view of the road or traffic conditions is dangerous and may be prohibited by law. State laws in California and Minnesota (and possibly other states) prohibit the mounting of this device on the windshield in which case other mounting methods should be used. Check your state and local laws before mounting.

Select a Mounting Location

Find a suitable mounting location for the Fold-Flat Mounting Bracket:



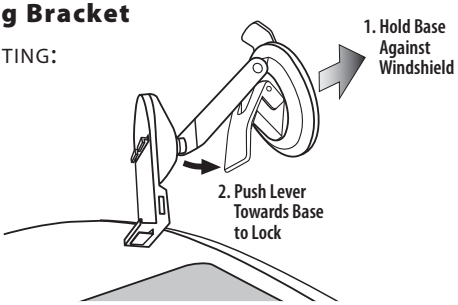
NOTE: Check your state and local laws before mounting the bracket. Some mounting locations are prohibited in some areas. Do not mount the bracket in such a way that the GPS-810 will interfere with your driving or your view of the road.

IMPORTANT: Some mounting locations may not provide the GPS-810's built-in GPS antenna a sufficient view of the sky for proper navigation operation. In these cases we recommend connecting the optional Guide + Play external GPS antenna (model # GPS-ANT, *not included*). See pages 4 and 5.

Install the Mounting Bracket

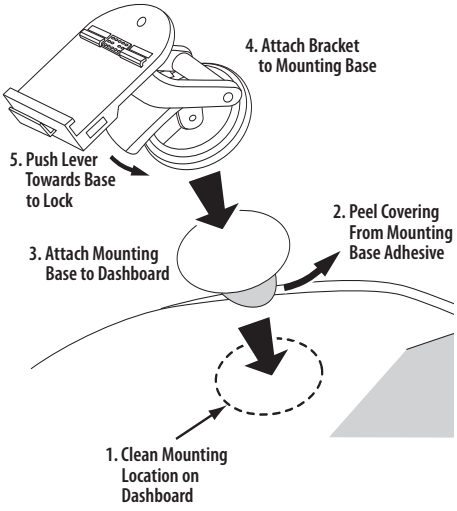
For Windshield Mounting:

1. Hold the mounting bracket's base against the windshield.
2. Push the mounting bracket lever towards the base to lock the bracket to the windshield.



For Dashboard Mounting:

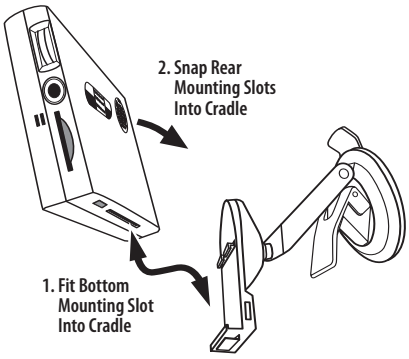
1. Clean the dashboard mounting location with the supplied alcohol pad.
2. Peel the mounting base adhesive covering.
3. Attach the mounting base to the mounting location.
4. Hold the mounting bracket's base against the mounting base.
5. Push the mounting bracket lever towards the base to lock the bracket to the dashboard.


4. Attach Bracket to Mounting Base
5. Push Lever Towards Base to Lock
2. Peel Covering From Mounting Base Adhesive
3. Attach Mounting Base to Dashboard
1. Clean Mounting Location on Dashboard

Attaching the GPS-810 to the Bracket

1. Fit the bottom mounting slot into the bracket cradle.
2. Snap the rear mounting slot into the bracket cradle. Make sure that the unit is securely connected to the bracket so it will receive power from the car charger.

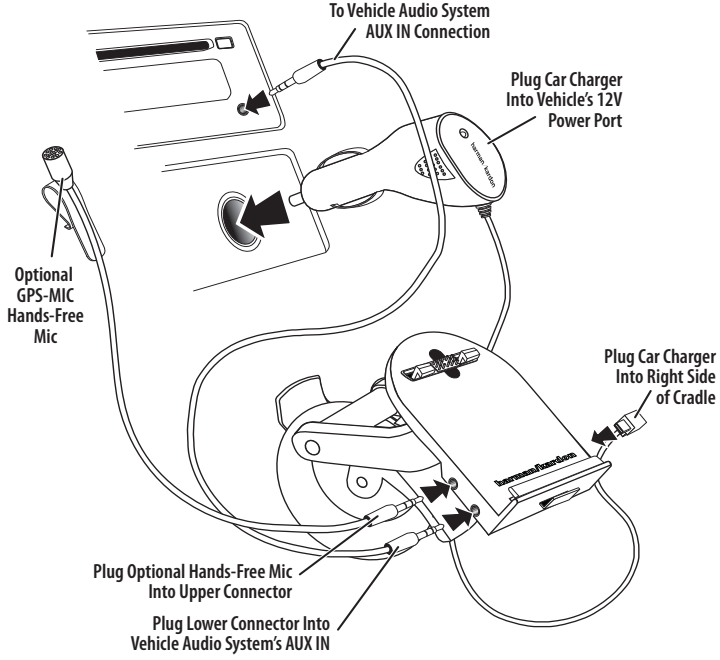
To unlock and remove the unit, press the lever on the bottom of the cradle *up*.



Making Connections to the Mounting Bracket

1. Connect the car charger to the rectangular connector on the right side of the mounting cradle (*below*).

IMPORTANT: The GPS-810 will only receive TMC traffic service information while it is attached to the mounting cradle and the car charger is connected to the cradle and the vehicle's 12V power port.



2. If you're using the optional GPS-MIC Hands-Free Microphone, connect it to the upper connector on the left side of the mounting cradle (*above*).
3. If your vehicle's audio system has an *Aux In* jack you can connect it to the lower connector on the left side of the mounting cradle (*above*). This will provide the best quality audio performance from your GPS-810.

NOTE: The Audio connector fits a 3.5mm stereo mini plug.

Listening to Audio in Your Vehicle

There are three ways you can listen to audio from your GPS-810 in your vehicle:

1. Through your vehicle's *Aux In* audio connection (see above).
2. Through your vehicle's FM radio (see *FM Settings*, on page 27).
3. Through the built-in speaker.

IMPORTANT: DO NOT USE HEADPHONES WHILE DRIVING!

The installation and use suggestions provided by the manufacturer may be subject to restrictions or limitations by federal, state or local laws. The user should determine whether the installation and use of this device is governed by any law, prior to installation or use.

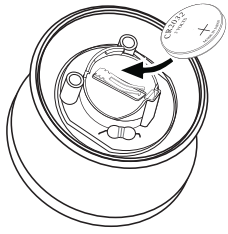
Using the Remote Control

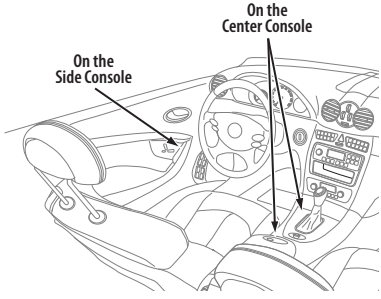
The included wireless remote lets you control the GPS-810 from up to 20 feet away. The remote works by RF, so the remote does not need a clear 'line of sight' between itself and the GPS-810 for it to work.

Do not install this device in any manner that impairs the safe operation of the vehicle. Do not install this device on any airbag panels or in the deployment field of any airbags. Do not place the device on the vehicle's dashboard unsecured. Failure to observe the installation or usage instructions may result in traffic accidents or personal injury.

Mounting the Remote

1. Use a coin to remove the remote's bottom cover.
2. Insert the battery with the "+" terminal facing you (*below, left*). Gently push the battery down into the mount until it snaps into place.
3. Select a mounting location for the remote (*below, right*).

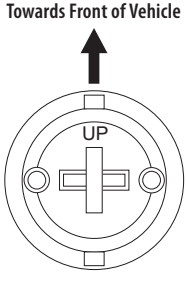


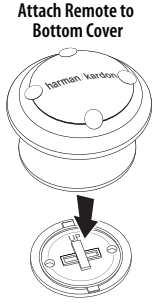


4. Orient the remote's bottom cover with the word "UP" facing towards the front of the vehicle (*below, left*).
5. You can either screw the bottom cover to the mounting location or use the supplied double-stick adhesive pad.

IMPORTANT: If you use the adhesive pad you must first clean the mounting area with the supplied alcohol swab.

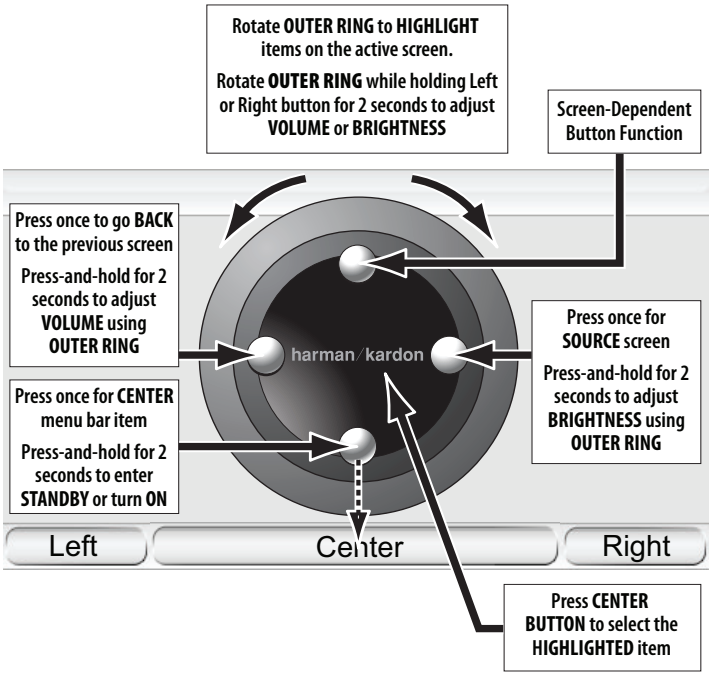
6. Push the remote down onto the bottom cover and turn its base clockwise to secure it (*below, right*). To remove the remote from the bottom cover hold it by the base and turn it counter-clockwise.





Operating the Remote

The remote allows you to operate any of the GPS-810's features and functions.


Rotate OUTER RING to HIGHLIGHT items on the active screen.
Rotate OUTER RING while holding Left or Right button for 2 seconds to adjust VOLUME or BRIGHTNESS
Screen-Dependent Button Function
Press once to go BACK to the previous screen
Press-and-hold for 2 seconds to adjust VOLUME using OUTER RING
harman/kardon
Press once for SOURCE screen
Press-and-hold for 2 seconds to adjust BRIGHTNESS using OUTER RING
Press once for CENTER menu bar item
Press-and-hold for 2 seconds to enter STANDBY or turn ON
Left
Center
Right
Press CENTER BUTTON to select the HIGHLIGHTED item

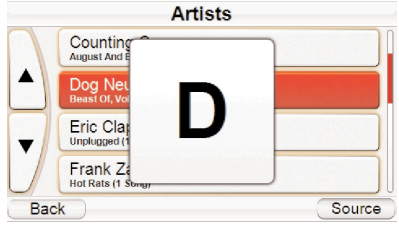
Notes About Remote Control Operation:

In Navigation mode:

- When viewing a map screen, turning the remote's outer ring zooms the view in and out (see *Map Zoom Buttons*, on page 15); pressing the center button cycles the map view between 2D, 2D north-oriented and 3D (see *Map View Button*, on page 15).
- Pressing and holding the center button when using any keyboard screen will select Done.

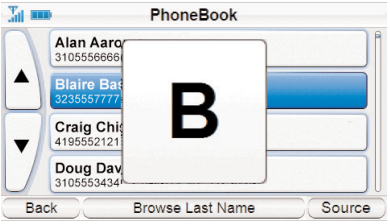
In Music Mode:

- While viewing any list mode (Artist, Album, etc), holding-down the center button allows you to alphabetically seek. The screen will display a large alphabet display (right). Use the outer ring to seek through the alphabet and when the desired letter is displayed, press the center button once to select it.



In Phone Mode:

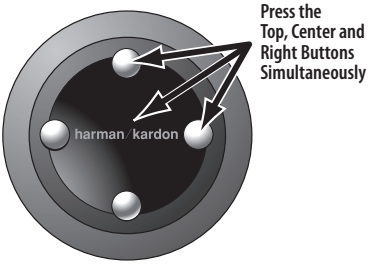
- When the Phonebook is selected, holding-down the center button allows you to alphabetically seek through your contact list. The screen will display a large alphabet display (*right*). Use the outer ring to seek through the alphabet and when the desired letter is displayed, press the center button once to select it.

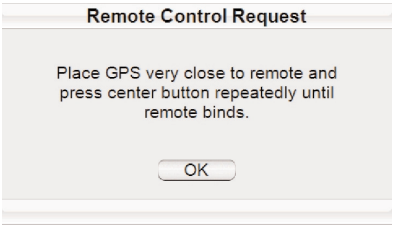


Synchronizing the Remote with the GPS-810

If the remote fails to operate the GPS-810 you will need to synchronize their RF frequencies ("bind" the remote):

1. Turn the GPS-810 on.
2. Press the remote's top, center and right buttons simultaneously (*right*). The Remote Control Request screen (*below, right*) will appear.
3. Place the GPS-810 unit within 1 foot of the remote.
4. Press the remote's center button repeatedly until the Remote Control Request screen disappears.





Troubleshooting

Problem	Solution
GPS-810 does not turn on at all	Check the LOCK switch (see *Controls and Features*, on pages 4 – 5); charge the battery for 6 hours (see *Before You Begin,* on page 6)
GPS-810 does not have a good GPS signal	Make sure GPS-810 has a clear, unobstructed "view" of sky (see *Before You Begin*, on page 6)
GPS-810 will not play music or videos, and does not display photos	Insert an SD card that has media loaded on it (see *Loading Media on Your SD Card,* on page 19)
Unable to load media onto SD card	Make sure GPS-810 is set in the desired USB mode (see *Loading Media on Your SD Card*, on page 19)
Screen is too bright or too dim	Adjust the screen brightness using the volume control (see *Volume/Brightness Control*, on page 5), or adjust the screen brightness in the SETTINGS menu (see *Changing Settings*, on page 26)
Volume is too low for navigation voice-guidance prompts	Adjust the volume control (see *Volume/Brightness Control*, on page 5); adjust the VOLUME MIXER (see *Audio Out*, on page 27)
Suction cup mount is loose	Reposition the mounting bracket, using moderate force
GPS-810 is loose on the bracket mount	Make sure the GPS-810 is securely attached to the mounting bracket (see *Attaching the GPS-810 to the Bracket*, on page 30)
GPS-810 is unresponsive to the touchscreen or won't power off	Reset the GPS-810 using a paper clip or similar item (see *Reset Button*, on page 5)

Troubleshooting (continued)

Problem	Solution
Screen color unexpectedly changes mode (DAY > NIGHT or NIGHT > DAY)	Color Mode is set to AUTO. Change the Color Mode to desired mode in the SETTINGS menu (see *Color Mode*, on page 27)
No sound from built-in speaker	Unplug headphones (speaker mutes when headphones are connected); turn volume control up (see *Volume/Brightness* control, on page 5)
Navigation map does not stay zoomed to desired distance	Unlock Map Screen — map reverts to default zoom level after 3 seconds when screen is locked (see *Map Screen Lock/Unlock Button*, on page 14)
GPS-810 will not connect with your Bluetooth® phone	Make sure that your phone's Bluetooth mode is turned ON; Turn the GPS-810 fully off and on. Touch the SOURCE>PHONE> MANAGE CONNECTION>CONNECT PHONE buttons. See *Using With a Bluetooth Phone*, on page 25.
Unable to Voice Dial Bluetooth® phone using GPS-810's built-in microphone	Attach GPS-810 to mounting bracket and connect optional GPS-MIC hands-free microphone.
GPS-810 unexpectedly goes into self-demonstration mode	Demo Video mode is set to ON. Touch the SOURCE>SETTINGS>DEMO CONTENT>DEMO VIDEO>OFF buttons. See *Demo Content*, on page 28.
Static or loss of clarity in sound when using GPS-810's FM transmitter	The vehicle's FM radio frequency contains static. Find a quiet FM frequency on your vehicle's FM radio and set the GPS-810's FM transmitter to match it. See *FM Settings*, on page 27.
No sound when using GPS-810's FM transmitter	Tune vehicle FM radio and GPS-810 FM transmitter to same frequency. See *FM Settings*, on page 27.

Specifications

GPS:	High-sensitivity SiR FstarIII receiver
CPU:	532MHz Freescale i.MX31L
Memory:	128MB
Maps:	U.S., Puerto Rico and Canada, preloaded in internal memory (external SD card not required)
Screen:	4.3"(diagonal) WQVGA screen, 65k colors, 480 x 272 pixels
Media Player (Audio):	Plays MP3, WMA and M4A audio formats
Media Player (Video):	Plays MPEG-4 (AVI), H.264, WMV, Windows Media 10 DRM video formats
Battery:	Rechargeable internal lithium-polymer battery.
Battery Life:	4 Hours
Dimensions (HxWxD):	2⅞" x 4¾" x ¾" (73mm x 121mm x 19mm)

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Due to continuous product improvement, all features and specifications are subject to change without notice.

Notes:

Notes:

Notes:

Declaration of Conformity

CE

We, Harman Consumer Group International
2, route de Tours
72500 Château du Loir
France

declare in own responsibility that the product described in this manual is in compliance with technical standards:

EN 60950-1:2001+A11

EN 55022:1998+A1:2000+A2:2003

EN 55024:1998+A1:2001+A2:2003

EN 61000-3-2:2000

EN 61000-3-3:1995+A1:2001

Klaus Lebherz
Harman Consumer Group International
Château du Loir, France 2/07

harman/kardon®

guide + play™

250 Crossways Park Drive
Woodbury, New York 11797

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